

Relumina Mercury replacement RELUMINA 80W E27 0020241



Product features

- Direct replacement of High pressure Mercury Vapour, - Energy saving solution for High Pressure Mercury Vapour, - Highly efficient lamp with luminous efficacy up to 93 lm/w, -Fast payback within 4,000 - 10,000 hours of use



PRODUCT OVERVIEW

IPC Code	0020241
Product name	RELUMINA 80W E27
Technology	HID
Watt (Rated) (W)	80
Cap/Base	E27
Lamp finish	Relumina Merc.replac
Fixture rating	Open
General application	Logistics & Industry,
Certifications	EUTIE070
ETIM Class	EC000037
E-number FI	4844445
E-number SE	8359171
Luminous flux (lm)	7200
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	84
Wattage (W)	80
Product Voltage (V)	90
Average life (Nominal) (h)	22000
Product EAN number	5410288202419

DATA TABLE

General data

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Optical data

Luminous flux (lm)	7200
Luminous flux (Rated) (lm)	7200
Ambient temperature for maximum luminous flux (°C)	25
Colour temperature (K)	3000
Light colour	Warm White
Colour Code	830
CRI (Ra)	84
Adjustable chromaticity	N
Lumen maintenance at end of nominal life (%)	76
Rated lumen maint. factor (%) at 4000 h 50Hz	92
Rated lumen maint. factor (%) at 6000 h 50Hz	90
Rated lumen maint. factor (%) at 8000 h 50Hz	88
Rated lumen maint. factor (%) at 12000 h 50Hz	85
Rated lumen maint. factor (%) at 16000 h 50Hz	82
Rated lumen maint. factor (%) at 20000 h 50Hz	78

Electrical data

Wattage (W)	80
Current (A)	1.2
Product Voltage (V)	90
Control gear required	Yes
Transformer required	No
Lamp Energy Label (class)	A+
Energy efficiency level	A+
kWh per 1000 hours burning time	94

Lifetime data

Average life (Nominal) (h)	22000
Average life (Rated) (h)	22000
Life T90	12000
Rated survival factor (%) at 2000 h 50Hz	100
Rated survival factor (%) at 4000 h 50Hz	100
Rated survival factor (%) at 6000 h 50Hz	99
Rated survival factor (%) at 8000 h 50Hz	97
Rated survival factor (%) at 12000 h 50Hz	90
Rated survival factor (%) at 16000 h 50Hz	77

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Rated survival factor (%) at 20000 h
50Hz 60

Physical data

Max. Lamp Diameter (mm) - D 62
Weight (kg) 0.33

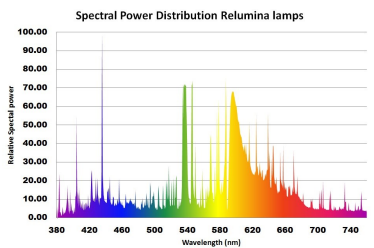
Packaging

Single packaging type Carton
Product EAN number 5410288202419
Packaging single length / height (cm) 24.9
Packaging single width (cm) 6.4
Packaging single depth (cm) 6.4
DUN14 (outer) 15410288202416
Units per outer package 10
Packaging outer length / height (cm) 41.0
Packaging outer width (cm) 27.9
Packaging outer depth (cm) 21.4

Safety data

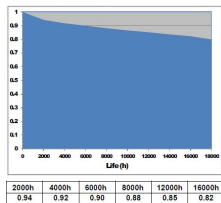
Lamp mercury content (mg) 8.7
Breakage cleaning instructions Applicable
Recommendation for disposal at end of life Applicable
Special purpose lamp No
Intended purpose General lighting
Suitable for household illumination No
Safety message Not suitable for household

PHOTOMETRY

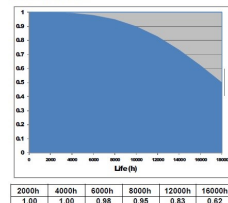


TECHNICAL DRAWINGS

LUMEN MAINTENANCE



SURVIVAL RATE



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